**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 265 | 382/191.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 16:27 |
| S2 | 35 | 382/191.ccls. and (object with extract$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/15 22:52 |
| S3 | 230 | 382/191.ccls. not S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/15 22:52 |
| S4 | 265 | 382/191.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:40 |
| S5 | 1312 | 382/103.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:40 |
| S6 | 876 | 382/103.ccls. and (first and second) with (imag$4 camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:57 |
| S7 | 447 | 382/103.ccls. and (first and second) with (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:57 |
| S8 | 187 | 382/103.ccls. and (first and second) near2 (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:57 |
| S9 | 113 | 382/103.ccls. and (first and second) near (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 18:57 |

| S10 | 235342 | dye and background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 18:41 |
| S11 | 17235 | organic near dye | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 18:41 |
| S12 | 17235 | (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 18:41 |
| S13 | 81 | (organic near dye) with background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 18:41 |
| S14 | 55 | (organic near dye) with background and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 21:57 |
| S15 | 113 | 382/103.ccls. and (first and second) near (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 19:29 |
| S16 | 0 | 382/103.ccls. and (first and second) near (imager camera video scanner sensor) and infrare | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 19:29 |
| S17 | 50 | 382/103.ccls. and (first and second) near (imager camera video scanner sensor) and infrared | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 19:29 |
| S18 | 0 | 382/103.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 21:13 |
| S19 | 30 | "382"/$.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 21:26 |

| S20 | 13 | (organic near dye) near2 background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:19 |
| S21 | 0 | (organic near dye) with background and image not S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:18 |
| S22 | 0 | (organic near dye) with background and image not S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:18 |
| S23 | 0 | S13 not (organic near dye) with background and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:18 |
| S24 | 26 | S13 not S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:18 |
| S25 | 881 | (organic near dye) with image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:22 |
| S26 | 81 | (organic near dye) with background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:25 |
| S27 | 623 | (organic near dye) with image and background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:25 |
| S28 | 71 | (organic near dye) same image same background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:26 |
| S29 | 56 | (organic near dye) same image same background not S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/20 22:26 |

| S30 | 2591 | 348/578-601.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 16:28 |
| S31 | 0 | 348/578-601.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 16:29 |
| S32 | 41 | "348"/$.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 17:27 |
| S33 | 5369 | (dye) with background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 17:27 |
| S34 | 76 | (dye) with background and mage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 17:27 |
| S35 | 3309 | (dye) with background and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 17:28 |
| S36 | 59 | "382"/$.ccls. and (dye) with background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 17:51 |
| S37 | 2 | "6246321".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 19:34 |
| S38 | 2888 | (first and second) with (image) with (average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 19:37 |
| S39 | 301 | (first and second) with (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 19:36 |

| S40 | 50 | (first and second) near (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 19:36 |
|-----|-----|-----|-----|-----|-----|-----|
| S41 | 12 | 382/118.ccls. and (first and second) with (image) with (average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 19:37 |
| S42 | 12 | 382/118.ccls. and (first and second) with (image) with (average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 23:00 |
| S43 | 50 | (first and second) near (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 23:21 |
| S44 | 43 | (first and second) adj (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:03 |
| S45 | 0 | "6246321".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 23:54 |
| S46 | 2 | "6246321".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/23 23:54 |
| S47 | 3625 | (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:04 |
| S48 | 221 | (image) near2 (average) near2 (match$4 compar $4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:04 |
| S49 | 1009 | (image) with (average) with (match$4 compar$4) and "382"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:04 |

| S50 | 35 | (image) with (average) with (match$4 compar$4) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:24 |
|-----|-----|-----|-----|-----|-----|-----|
| S51 | 85 | (first and second) near2 (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:25 |
| S52 | 35 | (first and second) near2 (image) with (average) with (match$4 compar$4) not S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:38 |
| S53 | 6 | (first and second and register$4) with (image) with (average) with (match$4 compar$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 00:39 |
| S54 | 123 | 382/103.ccls. and (first and second) near (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 12:15 |
| S55 | 294 | 382/103,107,154.ccls. and (first and second) near (imager camera video scanner sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 12:16 |
| S56 | 5 | 382/103,107,154.ccls. and (first and second) near (imager camera video scanner sensor) and dye | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 12:23 |
| S57 | 36 | 382/191.ccls. and (object with extract$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:50 |
| S58 | 0 | 348/578-601.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:50 |
| S59 | 67 | "348"/$.ccls. and (organic near dye) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:50 |

| S60 | 17 | 382/118.ccls. and (first and second) with (image) with (average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:52 |
|-----|------|------|------|------|------|------|
| S61 | 1624 | 382/103.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/15 12:34 |
| S62 | 171 | 382/103.ccls. and (camera sensor pickup imag$4) near4 ((illuminat $4 light$4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/15 14:03 |
| S63 | 171 | 382/103.ccls. and (camera sensor pickup imag$4) near4 ((illuminat $4 light$4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/15 19:22 |
| S64 | 171 | 382/103.ccls. and (camera sensor pickup imag$4) near4 ((illuminat $4 light$4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/16 19:56 |
| S65 | 12 | "5805730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/16 13:59 |
| S67 | 2 | "5995668".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/16 14:18 |
| S68 | 2 | "6188787".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/16 14:18 |
| S69 | 123 | 382/106,154.ccls. and (camera sensor pickup imag$4) near4 ((illuminat $4 light$4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/16 19:59 |
| S70 | 2 | "20030215155".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 11:20 |

| S71 | 2 | "5909501".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 11:21 |
|-----|-----|-----|-----|-----|-----|-----|
| S72 | 135 | 382/106,154.ccls. and (camera sensor pickup imag$4) near4 ((illuminat $4 light$4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 11:48 |
| S73 | 3428 | "348"/$.ccls. and (camera sensor pickup imag$4) near4 ((illuminat$4 light $4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 11:49 |
| S74 | 2840 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 12:00 |
| S75 | 0 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) and dyr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 12:33 |
| S76 | 125 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) and dye | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 12:33 |
| S77 | 108 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) and extract$4 near3 (object) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 12:36 |
| S78 | 29 | ("4393394" | "5400081" | "5566251" | "5574511"). PN. OR ("5940139"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/30 12:50 |
| S79 | 108 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) and extract$4 near3 (object) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 09:44 |
| S80 | 88 | (organic near dye) with background | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 09:45 |
| S81 | 126 | "348"/$.ccls. and (camera sensor pickup imag$4) near3 ((illuminat$4 light $4) and (infrared)) and dye | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 09:56 |

| S82 | 202 | (organic near dye) with (bright$4 lighting lightness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 10:43 |
| S83 | 72 | (organic near dye) with (bright$4 lighting lightness) and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 10:43 |
| S84 | 2 | "5940139".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/01 11:19 |
| S85 | 91 | (organic near dye) with (background) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:20 |
| S86 | 7 | (synthetic near dye) with (background) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:34 |
| S87 | 6247 | (dye) with (background) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:37 |
| S88 | 1810 | (dye) with (background) with image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:37 |
| S89 | 624 | (dye) near5 (background) near5 image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:39 |
| S90 | 6 | (dye) near5 (background) near5 image and "382"/$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:39 |
| S91 | 0 | (dye) with (background) with image and 382//$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:41 |

| S92 | 20 | (dye) with (background) with image and "382"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:41 |
|-----|-----|-----|-----|-----|-----|-----|
| S93 | 14 | (dye) with (background) with image and "382"/$.ccls. not S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 15:44 |
| S94 | 2 | "6775381".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 16:07 |
| S95 | 4 | ("5940139" "6775381").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:30 |
| S96 | 24 | (dye) with (background) with image and "382"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:41 |
| S97 | 5869 | dye same (extract$4 detect$4) same (image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:42 |
| S98 | 994 | dye same (extract$4 detect$4) same (image) same (target object) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:43 |
| S99 | 163 | dye with (extract$4 detect$4) with (image) with (target object) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:43 |
| S100 | 452 | (dye ink) with (extract$4 detect$4) with (image) with (target object) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:44 |
| S101 | 10 | (dye ink) with (extract$4 detect$4) with (image) with (target object) with (background foreground) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 14:45 |

| S102 | 2 | "04037383".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 15:39 |
|------|---|----------------|------|----|----|------|
| S103 | 526 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 15:40 |
| S104 | 0 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) and (chroma adj1 key chromakey) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 15:40 |
| S105 | 131 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2009/08/31 15:41 |
| S106 | 131 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2009/08/31 15:41 |
| S107 | 13 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) and key$4 | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2009/08/31 15:44 |
| S108 | 2 | "04037383".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 12:51 |
| S109 | 198 | (chroma adj1 key chromakey) same (extract$4 detect$4) near2 (foreground object human face) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2009/09/01 13:15 |
| S110 | 165 | (chroma adj1 key chromakey) with (extract$4 detect$4) near2 (foreground object human face) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2009/09/01 13:15 |
| S111 | 217 | (chroma adj1 key chromakey) same (extract$4 detect$4) near2 (foreground object human face) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:16 |

| S112 | 1 | (chroma adj1 key chromakey) same (extract $4 detect$4) near2 (foreground object human face) same infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:17 |
|------|-----|------|------|------|------|------|
| S113 | 181 | (chroma adj1 key chromakey) with (extract $4 detect$4) near2 (foreground object human face) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:18 |
| S114 | 36 | (chroma adj1 key chromakey) with (extract $4 detect$4) near2 (foreground object human face) with image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:18 |
| S115 | 13 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) and key$4 | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2009/09/01 13:19 |
| S116 | 528 | (FUJITA near TOSHIO HATADA near KANJI HIRAKAWA near YASUNORI SHIBATA near YASUMI) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:25 |
| S117 | 245 | (picture and synthesis).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:28 |
| S118 | 14 | (picture and synthesis and method and apparatus).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:28 |
| S119 | 6 | (chroma adj1 key chromakey) with (IR infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:43 |
| S120 | 2 | "6201579".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/01 13:53 |

| S121 | 13 | ("3914540" \| "4769707" \| "5502482" \| "5668629" \| "5889550" \| "6020931" \| "6034740" \| "6072537"). PN. OR ("6201579"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/01 13:53 |
|------|----|----|----|----|----|----|
| S122 | 11 | color near2 background and infrared near2 background and (detect$4 extract$4) near2 (forground object human face) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/10 11:13 |
| S123 | 34 | ("4393394" \| "5400081" \| "5566251" \| "5574511"). PN. OR ("5940139"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/10 12:00 |
| S124 | 12730 | (cyanine phthalocyanine azo) same (blue adj1 green gold silver) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/10 12:29 |
| S125 | 395 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) same (IR infrared) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/10 12:29 |
| S126 | 152 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) with (IR infrared) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/10 12:29 |
| S127 | 205 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) with (IR infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:31 |
| S128 | 1062333 | identification authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:32 |
| S129 | 969549 | identification authentication6 same S128 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:32 |
| S130 | 1 | S127 same S128 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:32 |

| S131 | 13 | S127 and S128 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:32 |
| S132 | 5 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) with (IR infrared) and (detect$4 extract$4) near2 (object foreground human face subject) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:37 |
| S133 | 11 | chroma adj1 key same (IR infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:48 |
| S134 | 1436 | (chroma adj1 key) chromakey same (IR infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:49 |
| S135 | 12 | (chroma adj1 key chromakey) same (IR infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:49 |
| S136 | 586 | (JAPAN near BROADCASTING) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:54 |
| S137 | 1 | (JAPAN near BROADCASTING) and (chroma adj1 key chromakey) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:54 |
| S138 | 1 | (JAPAN near BROADCASTING) and (chroma adj1 key chromakey) and infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:54 |

| S139 | 28 | (JAPAN near BROADCASTING) and infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 12:55 |
|------|-----|-----------------------------------------|------------------------------------------------------------|-----|-----|-------------------|
| S140 | 22 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) with (IR infrared) and camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 13:04 |
| S141 | 27 | (cyanine phthalocyanine azo) with (blue adj1 green gold silver) with (IR infrared) and camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/10 13:04 |
| S142 | 11 | (color dye) near2 background and infrared near2 background and (detect$4 extract$4) near2 (forground object human face) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/10 13:08 |

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